

Press Release: LG Electronics, Inc. licenses acticom Robust Header Compression Technology for integration into LG's LTE wireless network devices.

BERLIN, Germany, Feb 05, 2009 – acticom announced today that LG Electronics, Inc. (LG) has licensed acticom's Robust Header Compression (RoHC) protocol stack, further improving LG's Long Term Evolution (LTE) systems. Integrating acticom's protocol stack gives LTE early RoHC capabilities, enabling LG to present product design ahead of today's standards.

The RoHC protocol stack is available for integration into all LTE wireless network devices. With this extension, transmission of multimedia data becomes even more efficient through using the header compression capabilities of the RoHC stack -- a capability that is important for saving wireless resources, improving the overall QoS, and even saving energy.

RoHC is a standardized (RFC 3095) method of compressing the IP, UDP, and RTP protocol headers of Internet packets. It compresses header information in data packets from 40 bytes to 1-3 bytes, greatly increasing the efficiency of multimedia transportation through packet data networks. RoHC is now a mandatory feature in 3G networks, is perfectly suitable for LTE devices, and may also be included in WiMAX™.

"Being allowed to work with LG Electronics is a challenging project for acticom and our Robust Header Compression team," said Gerrit Schulte, managing director at acticom. "We have been chosen by one of the absolute leaders within the global mobile communication market, and we are thankful to be allowed to work with such a reputable customer. The integration of the RoHC stack will be done in tight cooperation between the development teams of LG Electronics and acticom."

"LG is committed to providing the latest innovations in telecommunication technologies like LTE. We are pleased to work with acticom to improve LG's 4G LTE development that will be available for end-users soon," said Jin Sung Choi, Head of Mobile Communication Technology Research Lab. at LG Electronics."

About LG Electronics, Inc.

LG Electronics, Inc. (KSE: 066570.KS) is a global leader and technology innovator in consumer electronics, home appliances and mobile communications, employing more than 82,000 people working in 114 operations including 82 subsidiaries around the world. With 2008 global sales of USD 44.7 billion, LG is comprised of five business units - Home Entertainment, Home Appliance, Air Conditioning, Business Solutions and Mobile Communications. LG is the world's leading producer of mobile handsets, flat panel TVs, air conditioners, front-loading washing machines, optical storage products, DVD players and home theater systems.

LG Electronics Mobile Communications Company is a leading global mobile communication and information company. LG creates handsets that provide an optimized mobile experience to customers around the world with its cutting-edge technology and innovative handset design capabilities. Increasingly, LG is pursuing convergence technology and mobile computing products. LG will continue to take leadership in the mobile communication environment with stylish designs and smart technology.

For more information, please visit www.lge.com.

About acticom

Acticom is a leading supplier of protocol stack software for mobile communication systems, located in Berlin, Germany. acticom licenses its software protocol stacks and products to a wide range of customers, including the leading handset vendors, infrastructure device manufacturers, and semiconductor companies. Please visit www.acticom.de for more information.

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More information about acticom's Robust Header Compression is available at <http://acticom.de/en/products/header>.

About Long Term Evolution (LTE)

Long Term Evolution is an advanced mobile communication technology based on WCDMA, the current 3G standard. This means that the technology can provide enhanced mobile services without the need for building additional network infrastructure. The Third Generation Partnership Project (3GPP), a mobile technology standards organization, is currently in the process of standardizing LTE as a 4G technology. Top phone makers and networking companies from around the world, including LG Electronics, Ericsson, Qualcomm and NTT DoCoMo, support and contribute to LTE's development. Industry experts see a strong likelihood that LTE will be the next 4G standard thanks to its strong capabilities and ease of implementation.

About 4G

To qualify as 4G, a network technology must be able to transfer data at over 1 Gbps to a stationary receiver or 100Mbps to a receiver moving at 60 Km/h. This is 50 times faster than WCDMA for moving receivers and 10 times faster than wired broadband internet connections for stationary receivers. 4G networks are also IP-based, making them more efficient.

About 3GPP LTE

Third Generation Partnership Project Long Term Evolution or 3GPP LTE is part of the IMT-Advanced concept, for future mobile technology standards. Its core technology is based on Orthogonal Frequency Division Modulation/Multiplexing (OFDM) and Multi Input Multi Output (MIMO), which are superior for transmitting broadband data over CDMA networks and for maximizing spectral efficiency. RoHC: Robust Header Compression (RoHC), standardized in RFC 3095, is a technology to compress the IP/UDP/RTP protocol header information down to a minimum while being robust against errors.

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